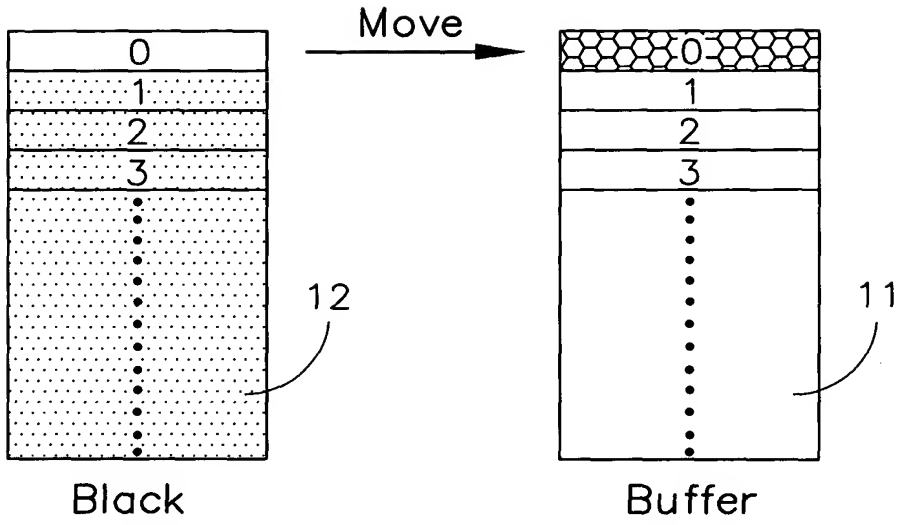
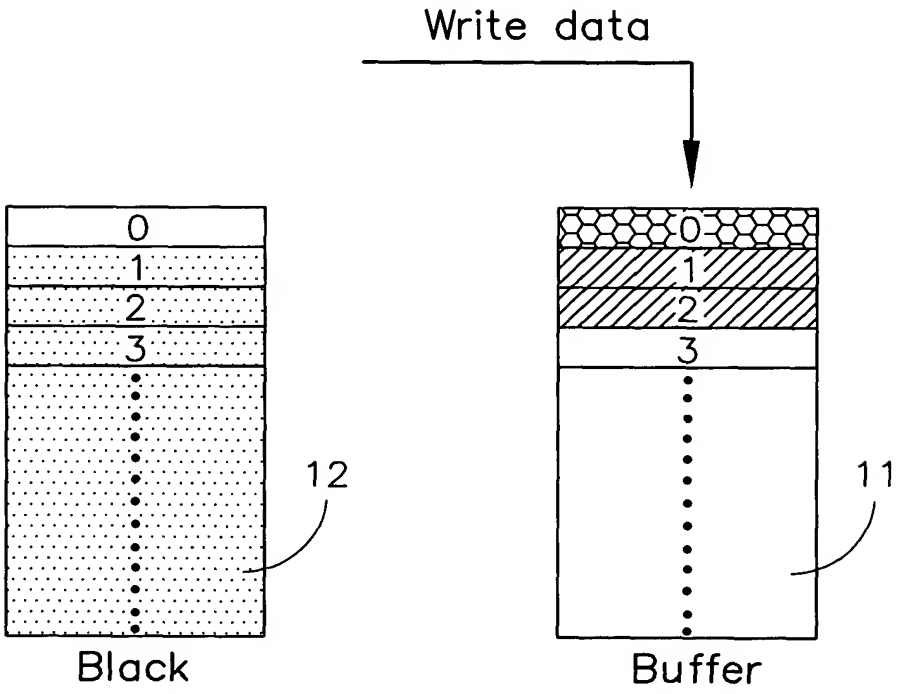


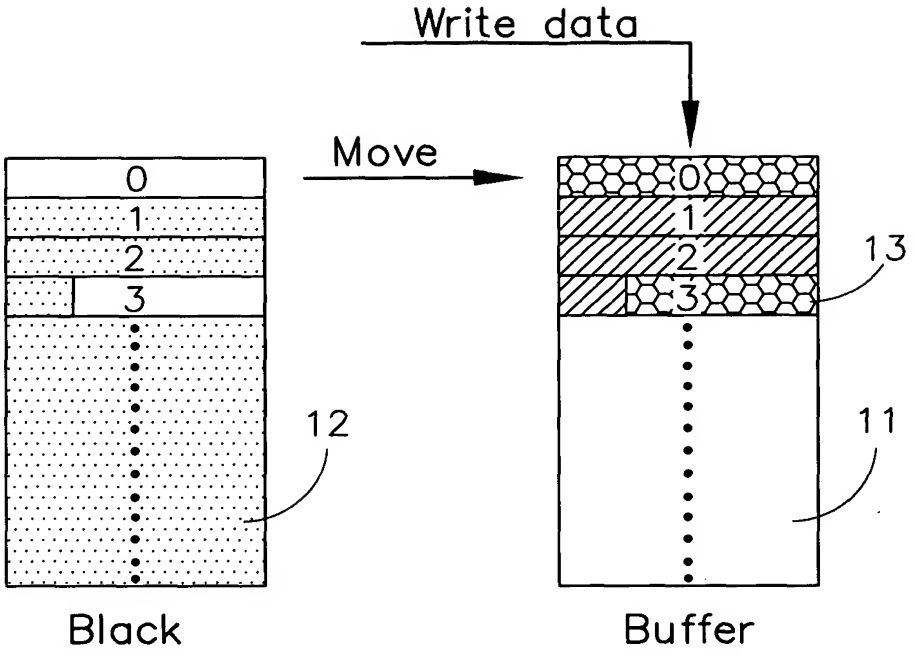
PRIOR ART

FIG. 1



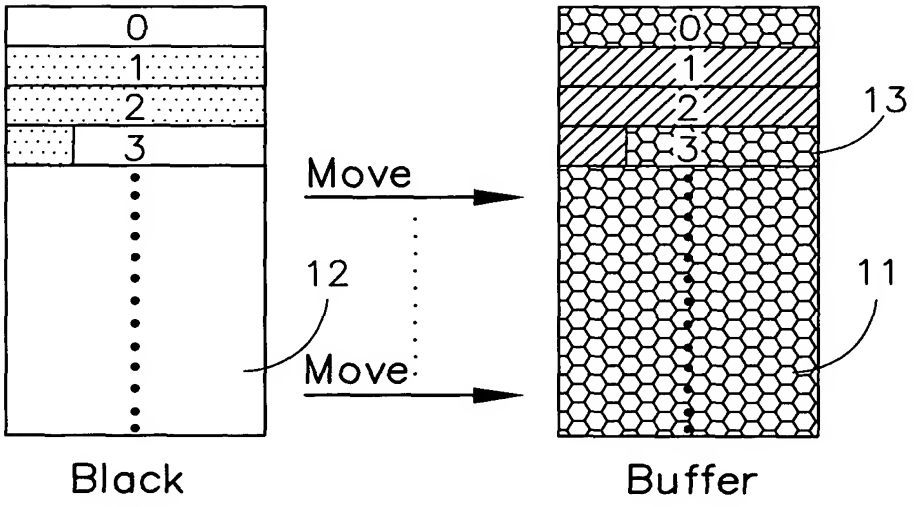
PRIOR ART

FIG. 2



PRIOR ART

FIG.3



PRIOR ART

FIG.4

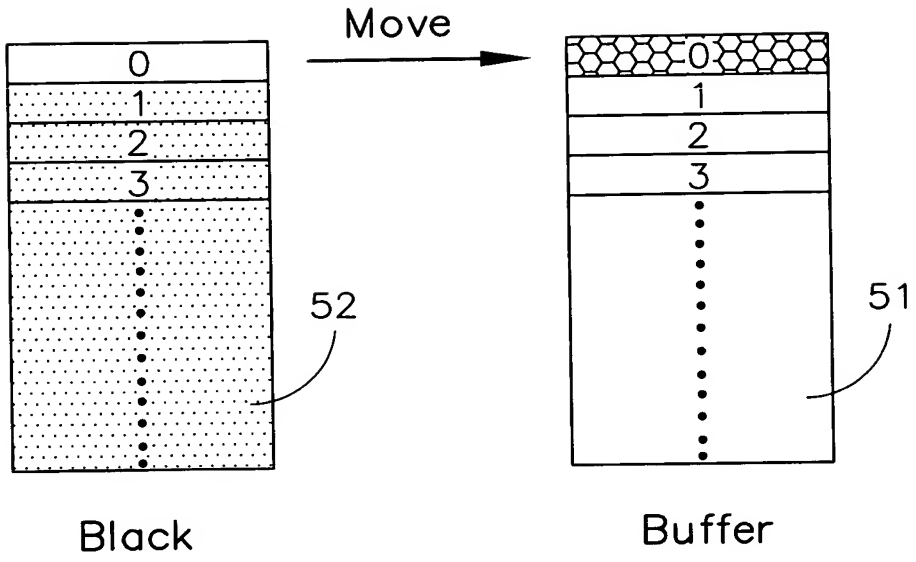

Move
0
1
2
3
52
0
1
2
3
51
Black
Buffer

FIG. 5

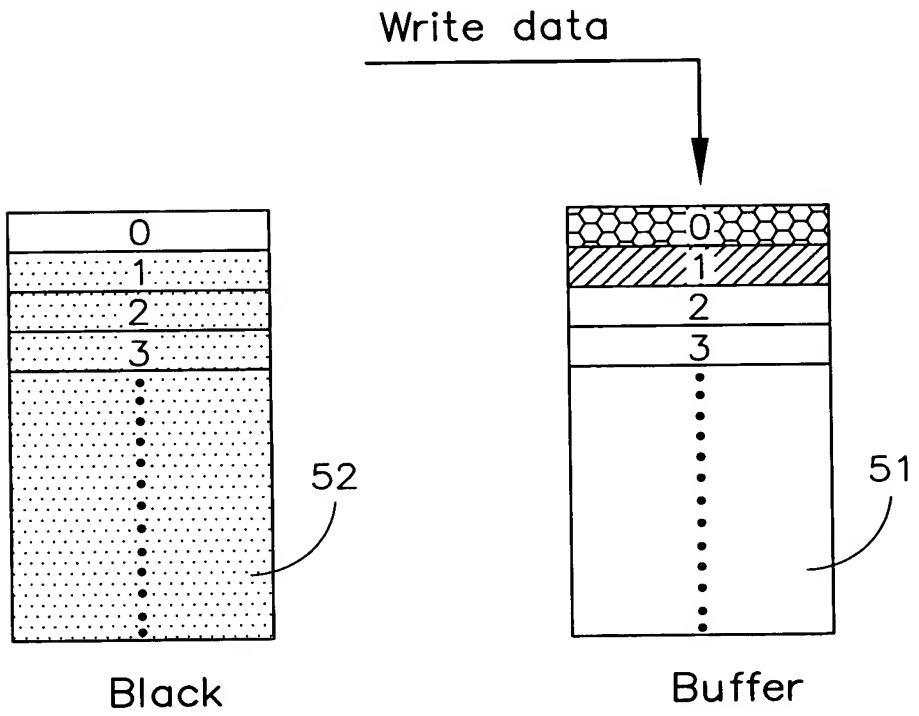

Write data
0
1
2
3
52
0
1
2
3
51
Black
Buffer

FIG. 6

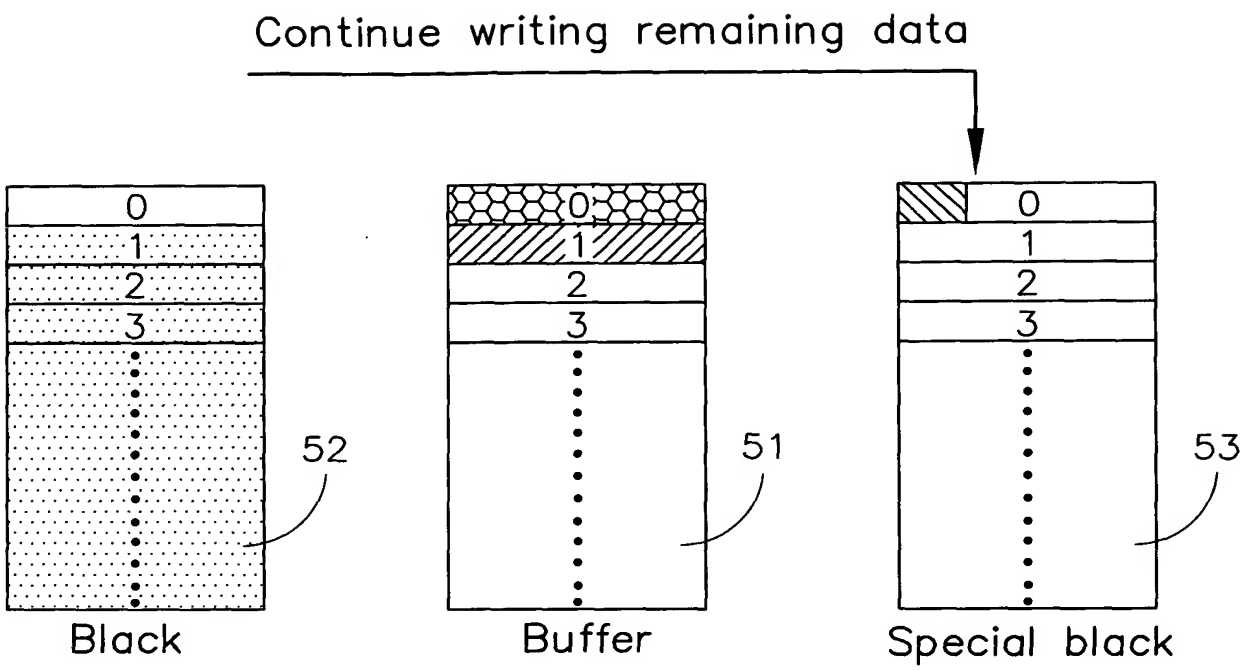

Continue writing remaining data
0
1
2
3
52
Black
0
1
2
3
51
Buffer
0
1
2
3
53
Special black

FIG. 7

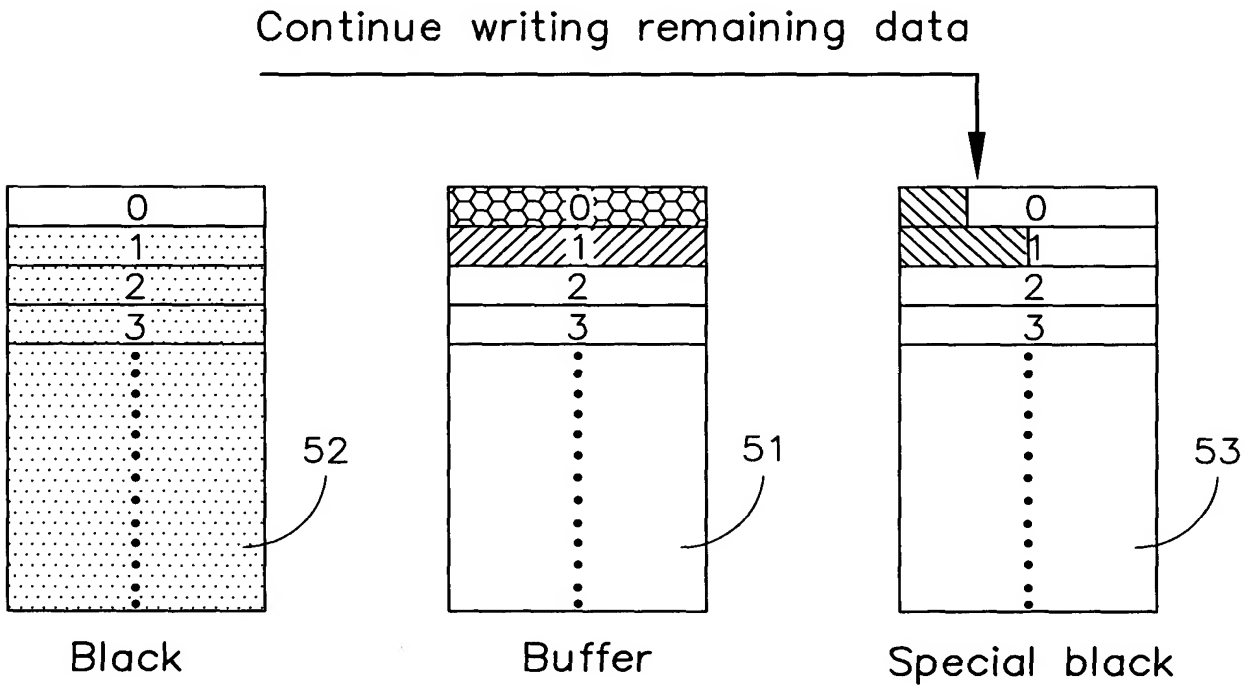

Continue writing remaining data
0
1
2
3
52
Black
0
1
2
3
51
Buffer
0
1
2
3
53
Special black

FIG. 8

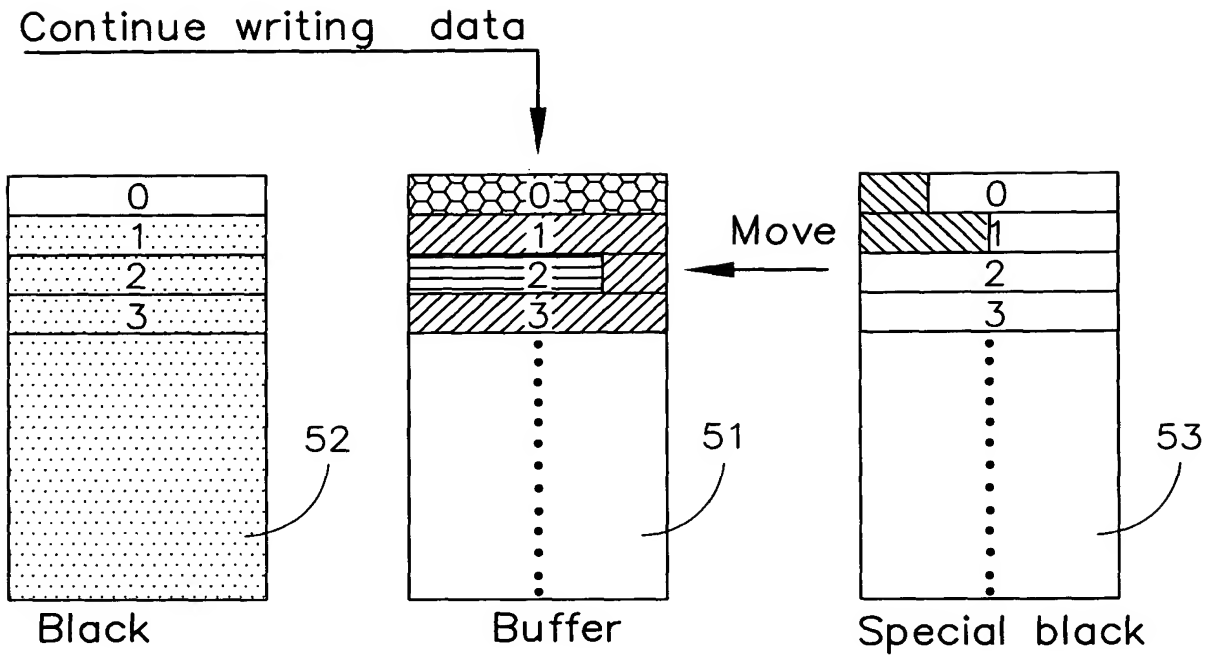

Continue writing data
0
1
2
3
52
Black
0
1
2
3
51
Buffer
Move
0
1
2
3
53
Special black

FIG. 9

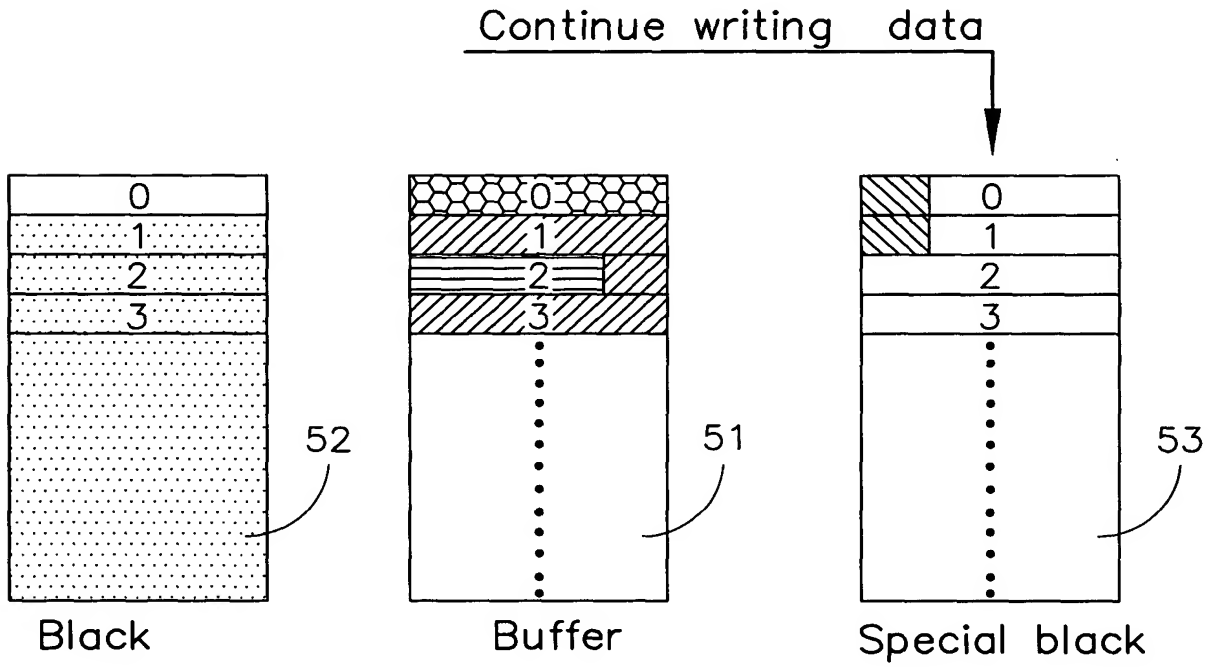

Continue writing data
0
1
2
3
52
Black
0
1
2
3
51
Buffer
0
1
2
3
53
Special black

FIG. 10

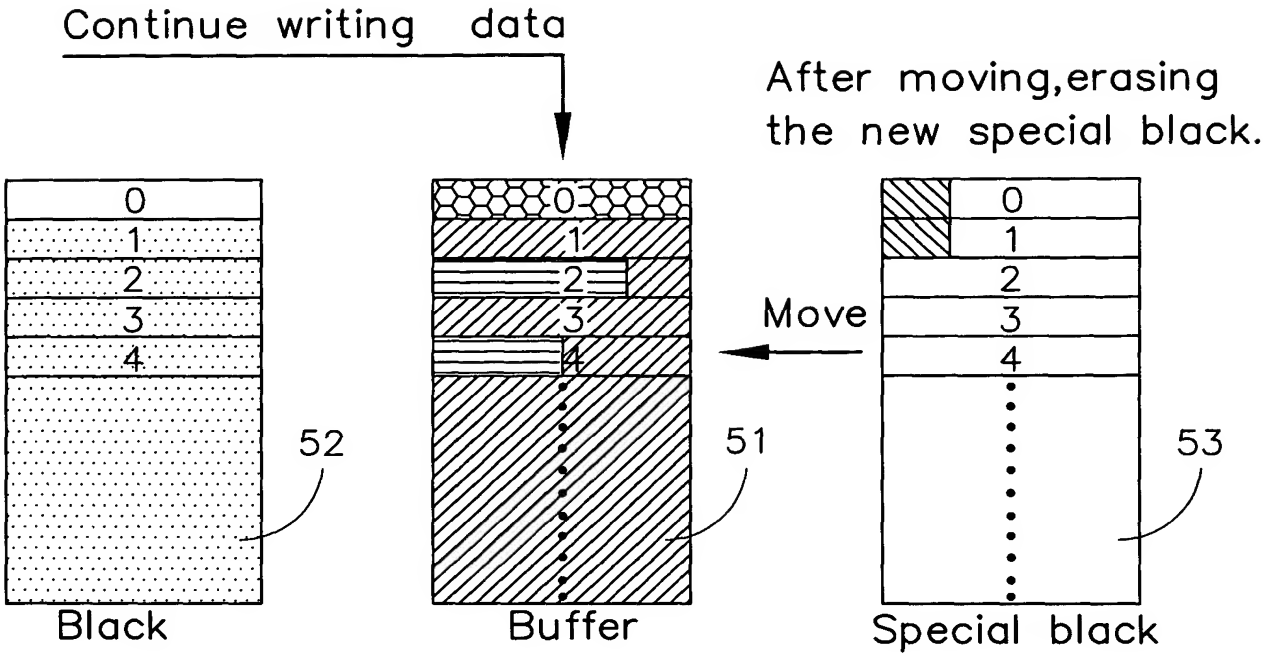

Continue writing data
After moving,erasing
the new special black.
0
1
2
3
4
52
Black
0
1
2
3
4
51
Buffer
Move
0
1
2
3
4
53
Special black

FIG. 11

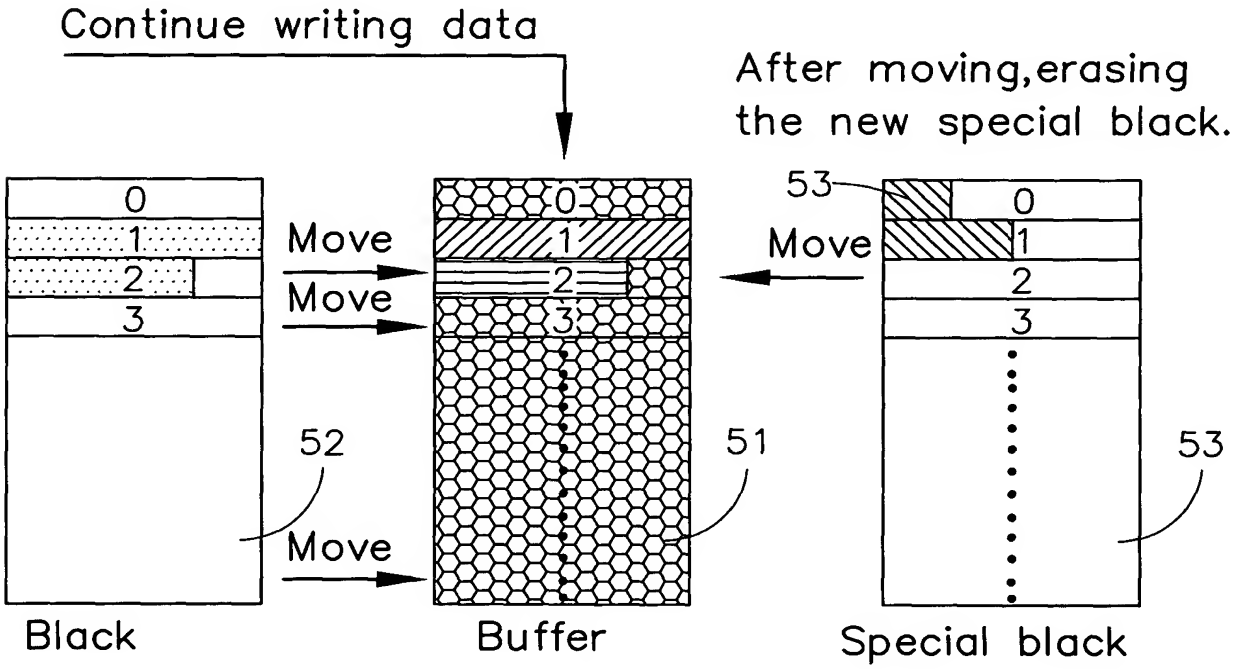

Continue writing data
After moving,erasing
the new special black.
0
1
2
3
52
Black
Move
Move
Move
0
1
2
3
51
Buffer
53
Move
0
1
2
3
53
Special black

FIG. 12